ABSTRACT OF THE DISCLOSURE

An auxiliary magnetic layer of a perpendicular magnetic recording head has inclined faces that connect a front end face and side faces so that the width in the track width direction of the auxiliary magnetic layer gradually increases in the height direction from the front end face. Since the angular portions are thereby made obtuse, a magnetic flux returning from a recording medium can be diffused over a wide area without being overconcentrated. For this reason, even when a magnetomotive force is increased by increasing a recording current applied to a coil layer, the auxiliary magnetic layer can be restrained from performing unnecessary recording and erasing on and from the recording medium, and the intensity of a magnetic flux supplied from a main magnetic layer to the recording medium can be increased. As a result, the recording performance can be appropriately enhanced.